



STIC Search Report

EIC 3700

STIC Database Tracking Number: 147224

TO: Timothy Eley
Location: RND 7d31
Art Unit: 3724
Wednesday, March 09, 2005

Case Serial Number: 08/590836

From: Terry Solomon
Location: EIC 3700
RND 8b31
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Search Notes

No current or past litigation found involving US pat. 5888126.

Source:

Lexis/Nexis
Questel-Orbit

590836 (08) 5888126 March 30, 1999

Time of Request: March 09, 2005 08:21 AM EST

Research Information:

Utility, Design and Plant Patents

patno=5888126

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5888126

March 30, 1999

Polishing apparatus including turntable with polishing surface of different heights

REISSUE: Reissue Application filed Mar. 30, 2001 (O.G. Jul. 17,, (O.G. July 17, 2001)

APPL-NO: 590836 (08)

FILED-DATE: January 24, 1996

GRANTED-DATE: March 30, 1999

ASSIGNEE-AT-ISSUE: Ebara Corporation, Tokyo, Japan (JP), 03

ASSIGNEE-AFTER-ISSUE: June 6, 1996 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., EBARA CORPORATION 11-1, HANEDA ASAHI- CHO, OHTA-KU TOKYO JAPAN, Reel and Frame Number: 07985/0679

LEGAL-REP: Wenderoth, Lind & Ponack, LP.

(C) QUESTEL 1994
QUESTEL.ORBIT (TM) 1998

Selected file: PLUSPAT
PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database

**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US5888126 A 19990330 [US5888126]

Title :

(A) Polishing apparatus including turntable with polishing surface of different heights

Patent Assignee :

(A) EBARA CORP (JP)

Patent Assignee :

Ebara Corporation, Tokyo [JP]

Inventor(s) :

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ISHIKAWA SEIJI (JP); SASAKI YOSHIMI (JP); HIROSE MASAYOSHI (JP);
TAKAHASHI TAMAMI (JP)

Application Nbr :

US59083696 19960124 [1996US-0590836]

Priority Details :

JP2872295 19950125 [1995JP-0028722]

JP20659495 19950720 [1995JP-0206594]

Intl Patent Class :

(A) B24B-029/02

EPO ECLA Class :

B24B-037/04B

B24B-037/04I2

B24D-013/14

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US Patent Class :

ORIGINAL (O) : 451287000; CROSS-REFERENCE (X) : 451288000 451495000
451527000

Document Type :

Basic

Citations :

US3603042; US5081795; US5212910; US5216843; US5297364; US5435772;

US5558563; US5562529; US5564965; JP26596; JP117064; JP3-259520

Publication Stage :

(A) United States patent

Abstract :

A polishing apparatus includes a turntable with an abrasive cloth mounted on an upper surface thereof, and a top ring disposed above the turntable for supporting a workpiece to be polished and pressing the workpiece against the abrasive cloth under a predetermined pressure. The turntable and the top ring are movable relatively to each other to polish a surface of the workpiece supported by the top ring with the abrasive cloth. The abrasive cloth has a projecting region on a surface thereof for more intensive contact with the workpiece than other surface regions of the abrasive cloth. The projecting region has a smaller dimension in a radial direction of the turntable than a diameter of the workpiece when the projecting region is held in contact with the workpiece. A position of the projecting region is determined on the basis of an area in which the projecting region acts on the workpiece.

1 / 1 LGST - @EPO

Patent Number :

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Application Number :

US59083696 19960124 [1996US-0590836]

Action Taken :

19960606 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: EBARA CORPORATION 11-1, HANEDA ASAHI-CHO, OHTA-KU; EFFECTIVE

DATE: 19960501

19960606 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: HIROSE, MASAYOSHI; EFFECTIVE DATE: 19960501

19960606 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: SASAKI, YOSHIMI; EFFECTIVE DATE: 19960501

19960606 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: OGATA, AKIRA; EFFECTIVE DATE: 19960501

19960606 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: ISHIKAWA, SEIJI; EFFECTIVE DATE: 19960501

19960606 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: TAKAHASHI; EFFECTIVE DATE: 19960501

20010717 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20010330

Update Code :

2003-22

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

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Patent Assignee :

Ebara Corp JP

Actions :

20010330 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20010717

REISSUE REQUEST NUMBER: 09/812046

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3723

Reissue Patent Number:

Session finished: 09 MAR 2005 Time 14:23:52

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